

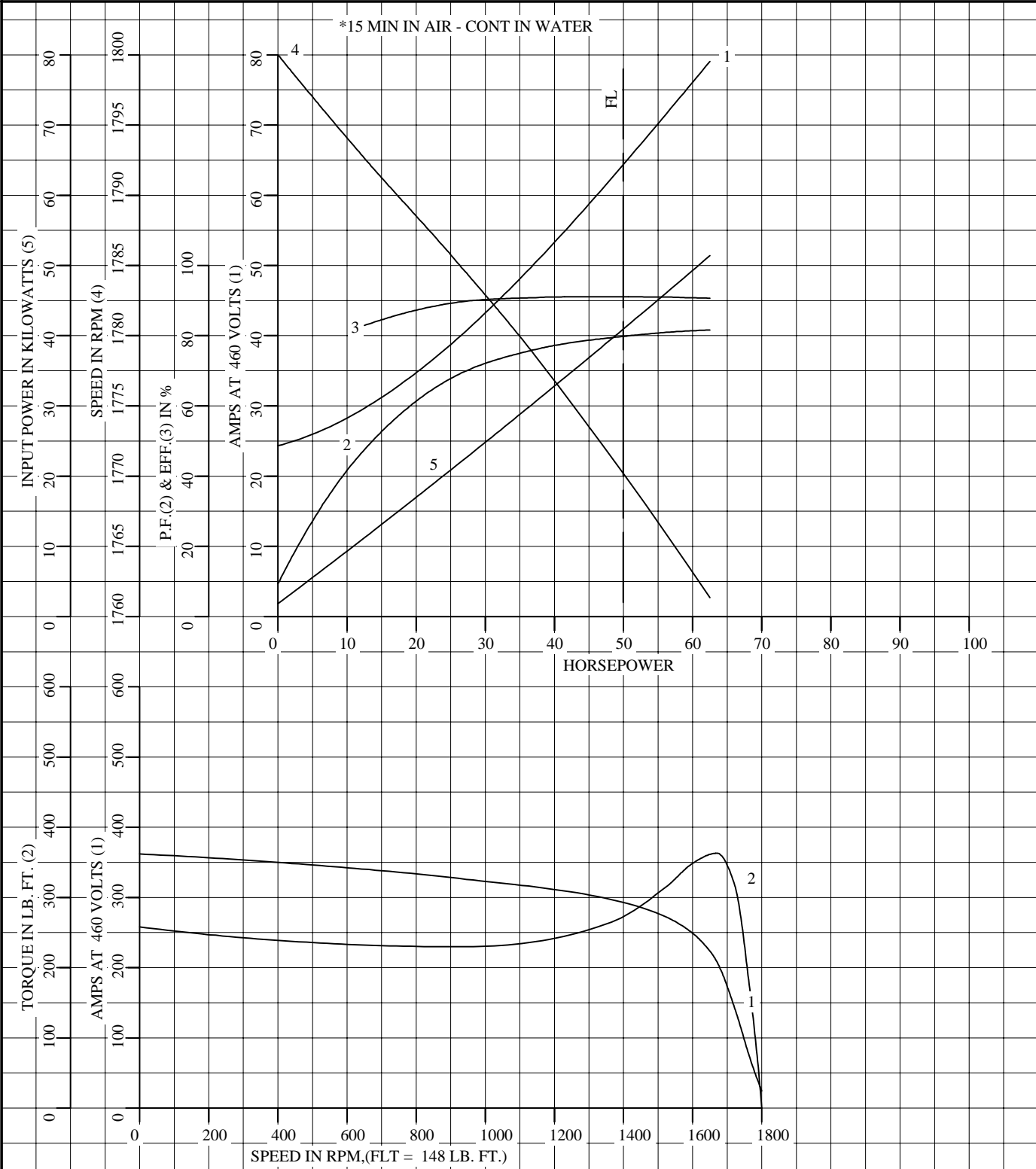
REL. S.O.	FRAME	HP	TYPE	PHASE/ HERTZ	RPM	VOLTS
	320TY	50	P	3/60	1770	460
AMPS	DUTY	AMB °C/ INSUL.	S.F.	NEMA DESIGN	CODE LETTER	ENCL.
64.3	*	40/F	1.15	B	G	SUB
E/S	ROTOR	TEST S.O.	TEST DATE	STATOR RES.@25 °C OHMS (BETWEEN LINES)		
890070	418140036TE	---	---	.149		
PERFORMANCE						
LOAD	HP	AMPERES	RPM	INPUT KW	% POWER FACTOR	% EFFI- CIENCY
NO LOAD	0	24.3	1800	1.81	9.31	0
1/4	12.5	29.7	1793	11.3	47.5	82.9
2/4	25.0	38.7	1786	20.9	67.9	89.3
3/4	37.5	50.7	1778	30.8	76.2	90.9
4/4	50.0	64.3	1770	40.9	79.8	91.1
5/4	62.5	79.1	1761	51.4	81.6	90.7
SPEED TORQUE						
		RPM	TORQUE % FULL LOAD	TORQUE LB.-FT.	AMPERES	
LOCKED ROTOR		0	174	258	362	
PULL UP		925	155	230	327	
BREAKDOWN		1671	245	363	208	
FULL LOAD		1770	100	148	64.3	
<p>AMPERES SHOWN FOR 460. VOLT CONNECTION. IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE</p> <p>REMARKS: TYPICAL DATA *15 MIN IN AIR - CONT IN WATER</p>						
<b>Rockwell Automation</b>		DR. BY <u>D. M. BYRD</u>		<b>A-C MOTOR PERFORMANCE W00883-C-J015 DATA</b> ISSUE DATE 07/21/04		
		CK. BY <u>T. S. WILLIAMS</u>				
		APP. BY <u>D. M. BYRD</u>				
		DATE <u>07/21/04</u>				

REL S.O.  
 FRAME 320TY  
 HP 50  
 TYPE P  
 PHASE/HERTZ 3/60

RPM 1770  
 VOLTS 460  
 AMPS 64.3  
 DUTY \*  
 AMB °C/INSUL 40/F

S.F. 1.15  
 NEMA DESIGN B  
 CODE LETTER G  
 ENCLOSURE SUB  
 E/S 890070

ROTOR 418140036TE  
 TEST S.O. TYPICAL DATA  
 TEST DATE ---  
 STATOR RES. @ 25 °C .149  
 OHMS (BETWEEN LINES)



AMPERES SHOWN FOR 460 VOLT CONNECTION, IF OTHER VOLTAGE CONNECTIONS ARE AVAILABLE, THE AMPERES WILL VARY INVERSELY WITH THE RATED VOLTAGE.

**Rockwell Automation**

DR. BY D. M. BYRD  
 CK. BY T. S. WILLIAMS  
 APP. BY D. M. BYRD  
 DATE 07/21/04

**A-C MOTOR PERFORMANCE CURVES**  
 W00883-C-J015  
 ISSUE DATE 07/21/04